

**JUNO**

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

# 5" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 5"  
RECESSED HOUSINGS**5RLD**

## PRODUCT DESCRIPTION

Energy efficient LED retrofit module fits into standard 5" IC or non-IC recessed housings • Replaces 65W incandescent lamp, producing over 600 lumens • Dimmable with most standard incandescent dimmers and electronic low voltage dimmers • LED retrofit module is designed to provide 36,000 hours of life • 5 year warranty

## PRODUCT SPECIFICATIONS

**LED Downlight Retrofit Trim** Cast aluminum trim with white baffle and flange • All-in-one design where LED light engine mounts directly to trim for ease of installation into existing 5" recessed housings with medium base sockets • Provided with torsion springs.

**LED Light Engine** LEDs are mounted directly to cast aluminum housing providing superior thermal management to ensure long life • 2700K or 3000K LED color temperature • 90 CRI minimum • Accommodates 120 volts AC at 60Hz • Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers • For a list of compatible dimmers, see [JUNORETROBASICS-DIM](#).

**Electrical Connections** Trim features quick connect plug installed as standard for installation into IC20-LEDT24 and IC20R-LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 5" incandescent housings with medium base sockets.

**Trim** Cast aluminum baffle trim with white finish • Diffusing lens conceals the LEDs from direct view and provides uniform aperture luminance.

**Life** Rated for 36,000 hours at 70% lumen maintenance.

**Labels** ENERGY STAR® Qualified • Certified to the high efficacy requirements of California T24 • UL and cUL classified for use with most standard UL listed 5" recessed incandescent housings and Juno IC20-LEDT24 and IC20R-LEDT24; see below for specific compatibility requirements • Damp location • Suitable for wet locations (indoor covered ceilings).

**Testing** All reports are based on published industry procedures; field performance may differ from laboratory performance.

Product specifications subject to change without notice.

## INSTALLATION

The LED retrofit baffle trim is provided with torsion springs as standard.

### COMPATIBLE HOUSINGS

The 5RLD retrofit module is compatible with most 5" recessed housings measuring at least 4" high with an inside diameter between 5" and 5-3/4". Removal of the housing socket plate or socket mounting bracket may be required in order for the trim to fit properly.

**Compatible housings include, but not limited to:**

**Juno housings:** IC20, IC25 and TC20 Series

**Juno quick-connect LED housings:** [IC20-LEDT24](#) and [IC20R-LEDT24](#)

**Vulite housings:** V5IC and V5TC Series

**Halo housings:** H5 Series

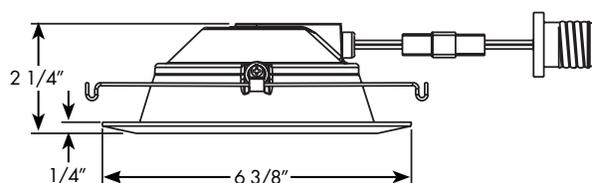
**Thomas housings:** PS5 and CR5 Series

**Capri housings:** QL5 Series

**Lithonia housings:** L5 Series



## DIMENSIONS



## PRODUCT CODES

Catalog Number	Description
<b>5RLD-927-6-WWH</b>	5" LED retrofit baffle trim, 2700K
<b>5RLD-930-6-WWH</b>	5" LED retrofit baffle trim, 3000K

## PERFORMANCE DATA

	27K	3K
Input Voltage	120V	120V
Input Power Typical	11W	11W
Frequency	60Hz	60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)
Minimum starting temp	-30°C (-22°F)	-30°C (-22°F)
CRI	90 min.	90 min.
CCT	2700K	3000K

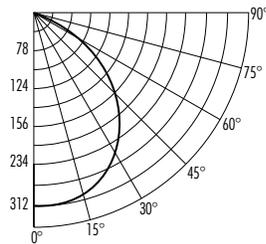
# 5" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 5"  
RECESSED HOUSINGS

## 5RLD

### PHOTOMETRIC REPORT

Test Report#: PT05141202R  
Catalog No: 5RLD-927-6-WWH  
Luminaire Spacing Criteria: 1.18  
Luminaire LPW: 55



### CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	312
5	310
15	295
25	266
35	220
45	161
55	86
65	33
75	15
85	4
90	0

### AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)  
Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	42	34	27
5'	27	22	18
6'	19	15	12
7'	15	12	10
8'	12	10	8
9'	9	7	6
10'	7	5	4

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	235	N/A	37.4
0-40°	373	N/A	59.3
0-60°	573	N/A	91.2
0-90°	628	N/A	100.0

### INITIAL FOOTCANDLES

(One Unit: 11.3W, 91.2° Beam)

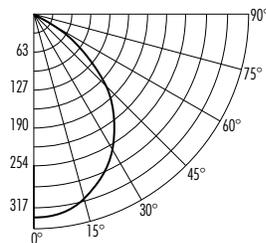
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	19.5	8.2
6'	8.7	12.3
8'	4.9	16.3
10'	3.1	20.4

### LUMINANCE (Average cd/m<sup>2</sup>)

Angle in Degrees	Average 0-90°
45°	19448
55°	12831
65°	6702
75°	5092
85°	3535

### PHOTOMETRIC REPORT

Test Report#: PT05141202R  
Catalog No: 5RLD-930-6-WWH  
Luminaire Spacing Criteria: 1.18  
Luminaire LPW: 60



### CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	331
5	329
15	313
25	282
35	234
45	170
55	91
65	35
75	16
85	4
90	0

### AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array, 60'x60' room)  
Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	45	36	29
5'	29	23	19
6'	20	16	13
7'	16	13	10
8'	13	10	8
9'	10	8	6
10'	7	6	5

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	249	N/A	37.4
0-40°	395	N/A	59.3
0-60°	607	N/A	91.2
0-90°	666	N/A	100.0

### INITIAL FOOTCANDLES

(One Unit: 11W, 91.2° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	20.7	8.2
6'	9.2	12.3
8'	5.2	16.3
10'	3.3	20.4

### LUMINANCE (Average cd/m<sup>2</sup>)

Angle in Degrees	Average 0-90°
45°	20615
55°	13601
65°	7105
75°	5397
85°	3747